

組別: 公開組

副題: 山人有計 (山系)

項目編號: O-001389

AI 偵測非法廢棄活動



用戶痛點

郊野公園及行山徑附近，不時發現堆積大量建築廢料，加上垃圾徵費計劃快將推行，恐怕有機會令郊區的垃圾問題加劇。

方案裨益

在郊區缺乏電力及網絡的環境下，亦能做到實時監控，利用 AI 視頻分析偵察廢物棄置行為，及時通報。並提供客制化數據監測平台，方便隨時隨地知悉各郊野公園狀況。

科技應用

我們的方案是建議在各郊野公園及行山徑黑點安裝 MOBI-IoT，自帶供電及網絡傳輸。以 24/7 AI 方式監察各黑點的環境，紀錄及推送懷疑廢物棄置事件，即時通知署方作出跟進。

主辦機構

合辦夥伴

目標用戶（內容只提供英文版）

用戶特徵描述:

- Requires outdoor work
- Protect and manage country parks and marine reserves, and conduct enforcement actions when necessary
- Regular ecological and environmental assessments are required
- Provide visitor services and education

使用場景和目標:

For each country park managed by the AFCD:

- Hikers, campers, and tourists visit from time to time, they use leisure facilities like barbecues, mountain bikes, and camping.
- AFCD needs to conduct daily patrols to evaluate the cleanliness of the country park environment and law enforcement for any illegal activity. (Such as: illegal dumping and illegal feeding)
- Evaluate whether the facilities are sufficient for various outings (e.g. recycling bins, rubbish bins, water dispensers, etc.)

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